

EPA Official Record

Notes ID: 12C86761ECB4B13C862578A700475823
From: Robert Puls/ADA/USEPA/US
To: Chris Hill <chris.hill@chk.com>
Copy To: John Satterfield <john.satterfield@chk.com>
Delivered Date: 06/06/2011 09:04 AM EDT
Subject: RE: QAPP template & methods table

All our internal methods are based on EPA Standard Methods, we simply use our own SOP designations. The list I sent is not comprehensive for the study. We will need to meet and discuss methods (field and lab) as we move forward to develop the QAPP.

The following might be helpful:

VOCs: EPA Method 5021A (headspace) + EPA method 8260C (GC/MS)

metals by ICP/OES: EPA Method 200.7

metals by ICP/MS: EPA Method 6020

Dissolved gas: no official EPA method - we have developed our own method here and it is used by outside certified labs.

Robert W. Puls, Ph.D.

Ground Water and Ecosystems Restoration Division
National Risk Management Research Laboratory, USEPA
P.O. Box 1198 / 919 Kerr Research Dr.
Ada, OK 74820
puls.robert@epa.gov
580-436-8543 (phone)
405-323-8119 (mobile)

▼ Chris Hill ---06/02/2011 04:38:01 PM---Bob, I provided the methods table you supplied for the hydraulic fracturing study to a number of our

From: Chris Hill <chris.hill@chk.com>
To: Robert Puls/ADA/USEPA/US@EPA
Cc: John Satterfield <john.satterfield@chk.com>
Date: 06/02/2011 04:38 PM
Subject: RE: QAPP template & methods table

Bob,
I provided the methods table you supplied for the hydraulic fracturing study to a number of our resident experts and have the following initial concerns:
Based on information identified online, the RSKSOP methods do not appear to be EPA approved methods because they have not been through the Agency's peer review process or ORD clearance process.
Chesapeake will be taking split samples, and the non-standard methods listed would be difficult to compare with the standard SW-846 testing methods utilized by our third party certified labs.

The methods provided do not appear to be all inclusive of analytes listed in the Draft EPA Study Plan.

Would it be beneficial to setup a conference call to discuss analytical methods with EPA's and Chesapeake's experts on the line?

Thanks,

Chris

-----Original Message-----

From: Puls.Robert@epamail.epa.gov [<mailto:Puls.Robert@epamail.epa.gov>]

Sent: Wednesday, May 04, 2011 2:42 PM

To: Chris Hill

Subject: Fw: QAPP template & methods table

Robert W. Puls, Ph.D.

Ground Water and Ecosystems Restoration Division

National Risk Management Research Laboratory, USEPA

P.O. Box 1198 / 919 Kerr Research Dr.

Ada, OK 74820

puls.robert@epa.gov

580-436-8543 (phone)

405-323-8119 (mobile)

----- Forwarded by Robert Puls/ADA/USEPA/US on 05/04/2011 02:41 PM -----

From: Steve Vandegrift/ADA/USEPA/US

To: Robert Puls/ADA/USEPA/US@EPA

Date: 05/04/2011 09:10 AM

Subject: QAPP template & methods table

(See attached file: HF case study QAPP blank template for distribution.docx)(See attached file: methods table.docx)

Steve Vandegrift, QA Manager

Ground Water and Ecosystems Restoration Division

NRMRL/ORD/USEPA

P.O. Box 1198

919 Kerr Research Dr.

Ada, OK 74820

(580)436-8684 (voice)

(580)436-8528 (fax)

vandegrift.steve@epa.gov

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